**SILVERNET WIDE AREA
NETWORK (WAN) SERVICES
Instructions and Worksheet**

Department of Information Technology

The following worksheet is intended to assist agencies in estimating the cost of connecting to the Department of Information Technology's (DOIT) statewide communication network called *SilverNet*. By establishing a connection to *SilverNet*, an agency will be able to access other state agencies for E-Mail/data exchange as well as Internet, IFS, NEBS and mainframe access. Please contact DoIT Data Communications for assistance in determining if the minimum standard will support your agency's specific requirements. Requests exceeding the minimum standard must include justification of the larger configuration or unit cost. Hardware and software included in **Technology Investment Request (TIR)** requests should not be duplicated on this worksheet.

In all categories, fill in the number of units your agency will require in FY04 and FY05. Multiply the number in each fiscal year with the unit cost and place that sum in the Total Cost column for the respective fiscal year. The total from the worksheet should be placed in Category 26 under the proper general ledger number, maintenance or enhancements, as explained in the Budget Instructions.

If your agency is utilizing the services of the SNA network, your agency will need to include in its budget request funding to upgrade to the technology utilized by the Silvernet network.. The SNA network is antiquated, and DoIT is having difficulty keeping the system functioning due to technology obsolescence.

If you require help in establishing a configuration for your agency's needs, contact **DoIT's Data Communications at (775) 684-5800**. Please note that any project that exceeds ==$1,000== in estimated cost will require submission of a Technology Investment Request (TIR).

CISCO Routers - Routers are multi-protocol interface devices used to allow Local Area Network (LAN) data traffic to travel on a Wide Area Network (WAN). The CISCO Routers listed are considered a minimum configuration for *SilverNet* connectivity based on LAN size. Price includes circuit terminating equipment and 90-day warranty. The figure you place in the number column should include any new or replacement equipment for that fiscal year.

CISCO Router Maintenance - The price listed is for mandatory router maintenance per year. Agencies without router maintenance risk the chance of major communications down time and costly repairs.

Circuit Charges - Unit cost reflects annual charge per site, which includes the telephone companies and DoIT charges. Listed prices are a minimum based on ideal location and available services. Prices will vary depending on location. Agencies are requested to contact DOIT for a preliminary review to determine requirements before selecting circuit type.

LAN Perimeter Security Service - The *SilverNet* WAN Team employs an industry standard defense system that protects the *SilverNet* network. We can also deploy perimeter security to your (LAN) segments to further enhance the security. We will conduct a short risk assessment with your agencies IT management staff, and then provide you with a customized network security perimeter.

Power Protection - Routers must have Uninterruptible Power Supply (UPS) protection for surge and power outages.

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Totals - Total of dollars for each fiscal year to be placed in Category 26 of your agency budget.

BUDGET CATEGORY	NUMBER		UNIT COST	TOTAL COST	
	FY04	FY05		FY04	FY05
CISCO 1700 Router (one time cost)					
5-15 Workstations			$3,800		
Mandatory maintenance cost per year			$300		
CISCO 2600 Router (one time cost)					
10-65 workstations			$5,000		
Mandatory maintenance cost per year			$300		
CISCO 3600 Router (one time cost)					
66 or more workstations			$8,000		
Mandatory maintenance cost per year			$500.00		
CIRCUITS Unit Cost reflected annually unless specified					
Ethernet – Direction Connection (Cost of $11/workstation per month, this service must be evaluated on a case by case basis)			$11 per workstation per month		
T1 – Last mile and Enterprise Charge			$12,000		
ISDN – Last mile and Enterprise charge			$4,750		
56k Frame Relay Last mile and Enterprise Charge			$4,500		
DSL 128/384 Last mile and Enterprise charge			$1107		
DSL 384/1.5 Last mile and Enterprise charge			$2707		
Virtual Private Networking (Cost $5 per workstation per month)			$5 per month		
Dial-up for *SilverNet* access to IFS, State Mainframe, etc. (Not be confused with Internet access only)			$22 per month		
LAN PERIMETER SECURITY SERVICE					
Installation			$75		
Monthly Charge			$20		
POWER PROTECTION (one time cost)					
Surge Protector			$40		
Uninterruptible Power Supply (UPS)			$650		
TOTALS					

Prepared By: (Please Print)			
Name		**Date**	
Title		**Phone**	
Signature			
Agency			

DoIT Review/Approval: _____ *D*ate:_____